

# A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT

Department of Highways  
Professional Services Procurement Bulletin 2015-10  
Metcalf / US 68 / 3-8706

This document constitutes a Request for Proposals for Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

## **I. PROJECT DESCRIPTION**

County - Metcalfe  
Route - US 68  
Item No. - 03-8706.00  
Project Description - Design of three spot improvements on US 68 from just south of the KY 70 intersection to approximately 0.7 miles north of the Metcalfe/Green County line

## **II. PROJECT INFORMATION**

Project Manager - Jim Hudson P.E.  
User Division - Highway Design  
Approximate Fee - \$250,000 Preliminary Engineering and Environmental (Lump Sum)  
Project Funding - Federal Funds (STP)  
Project Length - Approximately 2.3 Miles

## **III. PURPOSE AND NEED**

The existing alignment is characterized by horizontal and vertical curvature that does not satisfy current geometric design guidelines. Over the three-year period between January 2011 and December 2013, there were 67 crashes reported between the Parkway and the KY 61 intersection south of Greensburg. Of these crashes, 50 (75 percent) were single vehicle collisions. With the new interchange constructed at the Parkway, the demand for travel along the US 68 corridor is expected to increase. Addressing the substandard geometrics will extend previously implemented improvements along US 68 and provide a better connection between Greensburg, southern Green County, and northern Metcalfe County to the Cumberland Parkway.

The purpose of this project is to provide a safer, more efficient connection between Greensburg and the Cumberland Parkway by improving substandard geometrics along the corridor.

## **IV. DBE REQUIREMENT**

Consultants should include a DBE participation plan with their response to announcement. An additional page will be allowed with the Project Approach (page 7) in the Response to

Announcement to convey this plan. A maximum of 4 points will be considered in the Evaluation Factors for the DBE Participation Plan.

#### **V. SCOPE OF WORK**

The selected consultant will be required to provide engineering services to perform Preliminary Engineering and Environmental Services for roadway design. Preliminary Engineering includes line and grade plans, preliminary drainage, and cost estimates.

This project may be advanced to Final Roadway Design with a contract modification. Final Design includes, at a minimum, preparation of drainage design, right-of-way plans, construction plans including signing and pavement marking plans, traffic control plans, and final cost estimates.

#### **VI. SPECIAL INSTRUCTIONS**

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

#### **VII. AVAILABLE STUDIES**

[US 68 Scoping Study](#) – Green and Metcalfe County, KYTC Item No. 3-203

#### **VIII. METHOD OF DESIGN**

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

#### **IX. ENVIRONMENTAL**

Any necessary Environmental Services will be provided by the Consultant. It is anticipated that the Environmental Document will consist of a Categorical Exclusion Level 2.

#### **X. PHOTOGRAMMETRIC SERVICES**

Mapping for Preliminary Engineering will be obtained from the Statewide LIDAR data. The Department will be responsible for obtaining the aerial photogrammetry for Final Design and will furnish manuscripts on computer disks in DGN format. The selected consultant will be required to collect additional information (if needed) by conventional survey methods.

#### **XI. STRUCTURE DESIGN**

The Consultant shall provide the necessary engineering service to submit an Advance Situation Folder(s) to the KYTC for the appropriate applicable structure(s). The Structure Design will be performed by the Department. Prequalification in the area of structure design is not required to be identified in the consultant's Response to Announcement.

## **XII. GEOTECHNICAL SERVICES**

The Consultant will provide all Geotechnical Services required for the project.

## **XIII. TRAFFIC**

The Traffic projections and related information will be provided by the Department.

## **XIV. UTILITIES**

The selected Consultant shall locate all existing utilities and locate them on the plans provided to the Department. The Department will develop the utility contact list. All utilities including aerial carriers shall be field-verified by the consultant. Sizes and types of underground and aerial utilities shall be identified on the plans. The Department will be responsible for coordination with the utility companies and for the preparation of cost estimates for relocations.

## **XV. PREQUALIFICATION REQUIREMENTS**

To respond to this project, the consultant proposed consultant must be currently prequalified for the following:

### ROADWAY DESIGN

- Rural Roadway Design
- Surveying

### AQUATIC TERRESTRIAL ECOSYSTEMS

- Macro-invertebrates
- Water Quality
- Botany
- Zoology
- Wetlands

### ARCHAEOLOGY

- Prehistoric
- Historic
- Highway Noise
- Air Quality Analysis
- Cultural Historic Analysis
- EIS Writing and Coordination
- Socioeconomic Analysis

### ENVIRONMENTAL & UST/HAZMAT

- Hazmat Preliminary Site Assessment (Phase I)
- UST Preliminary Site Assessment

### GEOTECHNICAL SERVICES

- Drilling Services
- Engineering Service
- Laboratory Testing Services

## **XVI. PROCUREMENT SCHEDULE**

- Advertisement Date – April 14, 2015
- Response Date – May 6, 2015 by 4:30 PM ET (Frankfort Time)
- First Selection – May 12, 2015
- Final Selection – May 27, 2015
- Pre-Design Conference – June 3, 2015
- Fee Proposal – June 12, 2015
- Contract Negotiations – June 24, 2015
- Notice to Proceed – August 1, 2015

## **XVII. PROJECT SCHEDULE**

- Alignments Review Meeting – November 2, 2015
- Public Meeting – June 1, 2016
- Preliminary Line & Grade Inspection – August 1, 2016

Right of Way, Utility, and Construction funding is not currently programmed in the current Highway Plan. A Final Design schedule will be developed based upon funding that may be included in the next Highway Plan.

## **XVIII. EVALUATION FACTORS**

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
2. Capacity to comply with project schedule. (10 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
5. DBE Participation Plan (4 Points)
6. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

## **XIX. SELECTION COMMITTEE MEMBERS**

1. Jim Hudson, PE, User Division
2. Travis Carrico, PE, User Division
3. Wheeler Nevels, PE, Secretary's Pool
4. Kevin Rust, PE, Secretary's Pool
5. Roger Coffey, Governor's Pool

**XX. AREA MAP**

